1582

The Egyptian Cal brought spring back to Mar 31.

1582

Was the shortest "year"
Pope Gregory XIII decreed
that Oct 5, 1582 would be
Oct 15, 1582
eliminating 10 days.

1582

The Catholic version of the (New Testament)
Bible was printed at Rheims
in 1582 and the Old Testament
at Douay in 1609-1610

1582

People in Europe went to bed
on THURSDAY Oct. 4th, 1582 and
woke up on FRIDAY the 15th of Oct. 1582
In ~~Europe~~ Frankfurt, Germany mobs
rioted, convinced the pope had stolen
ten days out of their lives. Bankers
wondered how to calculate interest
in a month with only 21 days.
Sailors, smiths, weavers, and

muleteers pressed me wages maid and king & accountants fretted over taxes that collected.

Enraged, Protestants railed against the cut (of dog) as work of the devil.

The Gregorian Cal is running slow about 26 sec per annum
It's already put us back 3 hours (c. 1498).
Eventually 4909 we will be back 1 entire day.

the astronomy behind the Cal was based on the new observations of NICOLAUS COPERNICUS, among others, and the painstaking calculations of ALOYSIUS LILIUS, a little-known physician-astronomer. Lilius is the man who crafted the complex equations that proved the leap-century rule was simple & neater than Gregory's

of rival solutions

Oct 1582

only Italy, Spain, Portugal and Poland complied with the Calendar edict right away.

1582

The 0.2422 vs 0.25 of Julian Cal.
gave by the 16th century the
accumulated error amounting
to 10 days.

thus Pope Gregory XIII
ordered the day following
Oct. 4 to be Oct 15, 1582.
He omitted a leap year from any
divisible by 100 evenly except
those divisible by 400 evenly

Thus 1700, 1800, 1900 were not
leap yrs in Italy. But 1700 was
a leap yr in England & Colonies

J. J. SCALIGER suggested a plan
Begin Jan 1, 4713 BC and number
the days consecutively

Cycles of 28, 19, 15 yrs led (365.25 days of
by selection of 4713 BC,
this being the year 1.0 in each
Cycle
the Julian Day was made to agree

with the astronomical day which began at noon, 12 hours later than corresponding civil day.

1582
~~1583~~

Duncan:Cal

1527 - 1608 John Dee

He was asked by Queen Elizabeth to study and comment on Gregory's reformed Cal.

In 1551 he had become an intellectual at the court of Queen Mary but switched his allegiance to the queen's half sister, Elizabeth.

In 1582, he penned a treatise in favor of the reform.

He vigorously argued for restoration back to the time of Christ, which meant dropping 11 days - not 10, but then later relented to keep with the rest of Europe. He proposed 1583 had 3 days dropped in non, one in June, and three ea. in July & Aug. (avoiding important days & holidays

Best Archbishop of Canterbury (Edmund Grindal (c1519-1583) said no

1582

Duncan; Cal

The Eastern orthodox rejected the reforms. They had been left with local Churches in Constantinople, Alexandria, Antioch & elsewhere to fend for themselves

Dec 1582

France & Netherlands adopted
Gregorian Cal.

1582

Pope Gregory XIII
1) deleted 10 days from the Cal.
2) Oct. 4 plus 1 day = Oct 15, 1582
3) Omit leap year every century that is not evenly divisible by 400

Called "the Gregorian Cal."

In 20th Century, further adjustment was made, preserving the accuracy of the

wall Cal for tens of thousands of years.

1582 (Afta oct 4+1 = Oct 15

If you left Calais, France for Dover England, you would arrive 10 days before you left